

*1st title under score
in Red
Description of scene in
Black Film Clippings mounted
to compare with scene numbers*

*Description of Motion Picture The Valley of Ten Thousand
Smokes*

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THE NATIONAL GEOGRAPHIC SOCIETY

Gilbert Grosvenor, President.

THE VALLEY OF TEN THOUSAND SMOKES

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DISCOVERED AND EXPLORED BY THE KATMAI EXPEDITIONS

Robert F. Griggs, Director.

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main title

2d main title

In June 1912, a pleasant valley in southeastern Alaska suddenly burst forth in one of the most remarkable eruptions known to man, forming a vast area of steaming fissures.

Across the head of the Valley stands a long line of ancient volcanoes, whose steam columns guide the traveler to the marvels beyond.

1. Mt. Katmai's steam column.

A wild and rugged pass overhung with majestic mountains, and glaciers, leads up to the active area.

2. Glaciers on side of Valley.

3. Climbers silhouetted against clouds.

Surmounting a rise, there comes into sight a great area filled with volcanoes as far as the eye can reach.

4. General view across Valley.

THE VALLEY OF TEN THOUSAND SMOKES

No photograph can more than suggest the wonder and grandeur of this sight. The nearest fumarole is a mile away, the farthest twelve miles off.

5. Steam in front of Novarupta.
6. Panorama Valley of Ten Thousand Smokes.
7. Single bright fumarole against dark background.

Gigantic fumaroles are always on exhibition. Year in and year out they pour forth columns of never ending steam.

8. Four big fumaroles.

Peering into the valley one marvels at the titanic forces which furnish the rolling clouds of super-heated vapor, three times as hot as ordinary steam, and heavily charged with hydrofluoric acid.

9. Rolling clouds of steam from big fumaroles.

When it emerges, the steam is perfectly clear, condensing in feathery wisps which thicken into heavy clouds in the cold air.

10. Steam condensing as it comes out of a big fumarole.

Novarupta, a volcano born with the Smokes. Its throat is plugged with steaming lava, piled high as a fifteen story building.

11. Novarupta.

Taking the temperature of a cool fumarole.

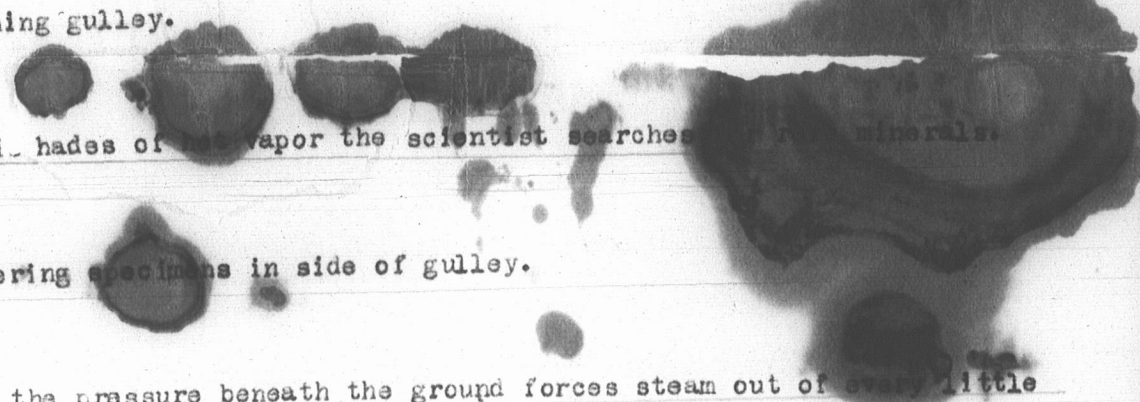
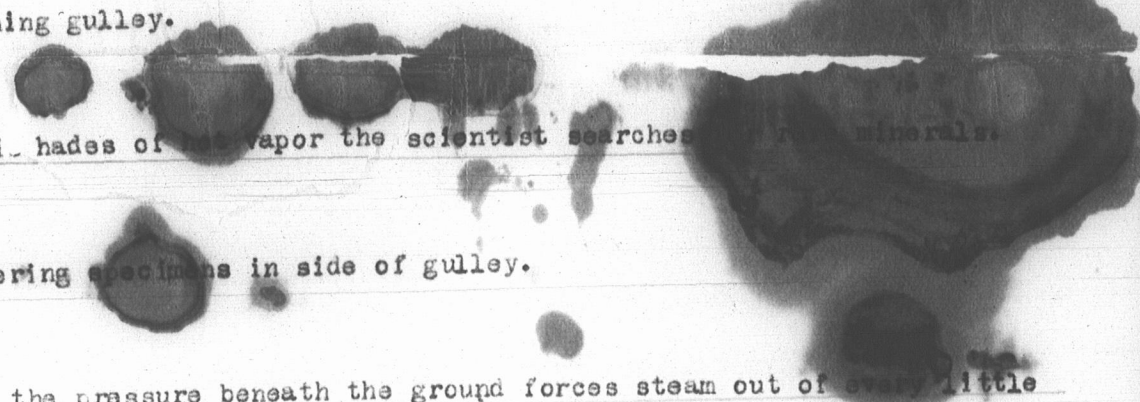
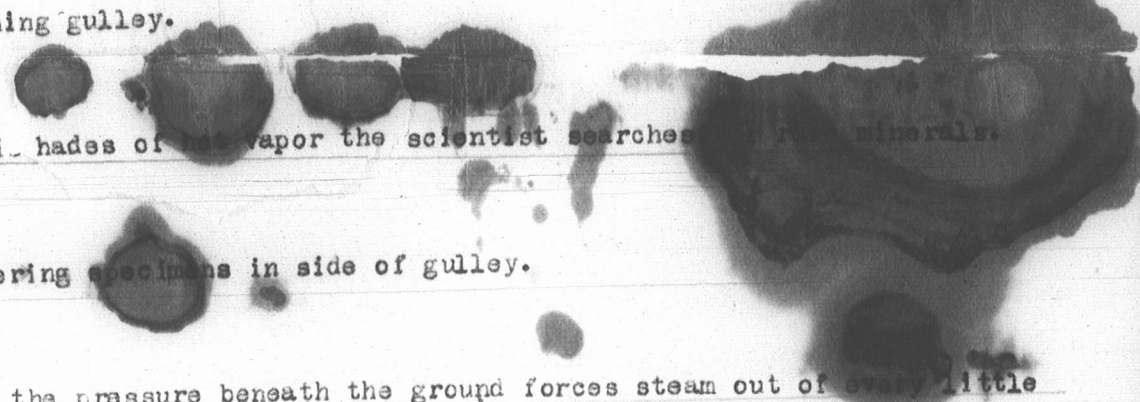
12. Descending into a cavernous fumarole.

- that is only boiling hot.

13. Climbing out of a fumarole.

Gulleys cut by intermittent streams have topped many fumaroles and become sizzling infernos of sulphurous steam extremely difficult to explore.

14. Steaming gulley.

In this  hades of  vapor the scientist searches  minerals.

15. Gathering specimens in side of gulley.

Often the pressure beneath the ground forces steam out of every little crevice.

16. Party working among small fissures.

A new fumarole may be made by poking a hole through the crust.

17. Making new fumaroles by poking a hole in the crust.

Experimenting with a bar of lead.

18. Bending bar of lead.

- to see if the steam is hot enough to melt it.

19. Lead melts and drips off.

Instruments that prove that many fumaroles are more than twice as hot - nearly 1200° Farenheit.

20. Melting lead drops off in chunks.

After heavy rains water collects in some of the mild-mannered fumaroles, forming mud pots.

21. Mud pot #1.

22. Mud pot #2.

The floor of the Valley is so hot the mud pots quickly become steamers again.

23. Mud pot #3.

24. Tent with Old Glory and flag of the Geographic Society.

25. Close up of flags.

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Down to the very edge of the hot valley come the snow drifts, with a covering of volcanic ash, blown on by the wind.

26. Man comes up to snow drift from camp and begins to dig.

Drinking water secured from melted snow is free from the contamination of poisonous chemicals.

27. Close up digging snow, ending by carrying it back to the tent.

28. Putting the pot of snow in a fumarole.

What chance has a snowball in Hades?

29. Pot of snow away.
Burying - t in a natural fireless cooker.

30. Burying pot of in the hot ground.

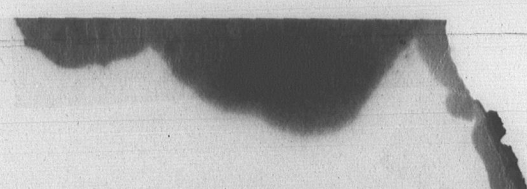
31. Party coming up to fumarole to fry bacon.

32. Frying bacon over fumarole.

Sizzling immediately.

33. Close up fry pan in mouth of fumarole.

The pan has to be held down against the outrush of steam.



34. Frying bacon over the fumarole cont.

Back pressure makes the bacon fly.

35. Bacon flies out of pan.

36. Frying bacon - man in foreground stirs batter.

37. Mixing a flapjack, close up.

38. Tossing a flapjack in the fumarole.

Water poured into the fumarole is instantly vaporized.

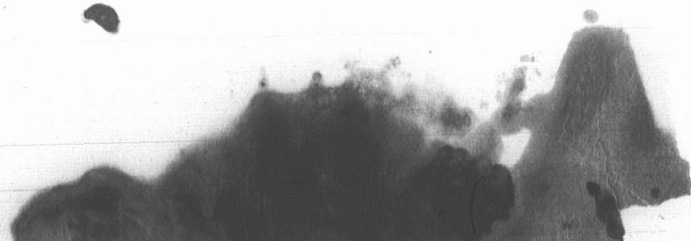
39. Water poured into fumarole vaporizes instantly.

In all the world there is no natural marvel at all comparable to that
of the Ten Thousand Smokes.

40. Panorama, Novarupta from crater rim.

41. Mt. Martin's column of steam against sky.

Trailer - seal of National Geographic Society.



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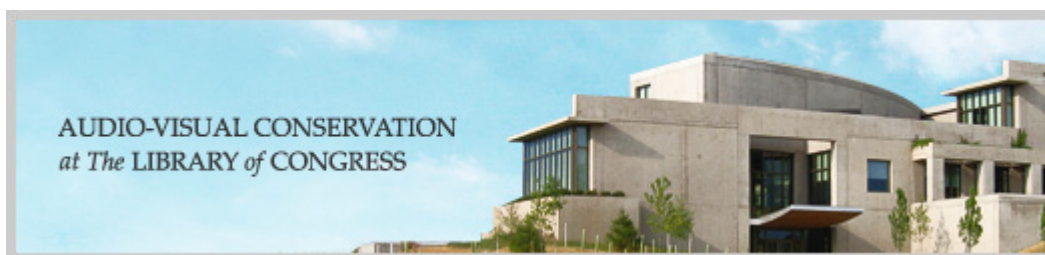
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